# Commonwealth of Kentucky Environmental and Public Protection Cabinet Department for Environmental Protection Division for Air Quality

803 Schenkel Lane Frankfort, Kentucky 40601 (502) 573-3382

# AIR QUALITY PERMIT Issued under 401 KAR 52:040

**Permittee Name:** The Gates Corporation

Mailing Address: 300 College Street

Elizabethtown, KY 42701

**Source Name:** The Gates Corporation

Mailing Address: Same as above

Source Location: 300 College Street

Elizabethtown, KY 42701

Permit Number: S-06-042 R1

Source A. I. #: 1665

**Activity #: APE20060003** 

**Review Type:** Minor Source Operation

Source ID #: 21-093-00021

**Regional Office:** Frankfort Regional Office

643 Teton Trail, Suite B Frankfort, KY 40601-1758

(502) 564-3358

County: Hardin

**Application** 

Complete Date: March 30, 2006
Issuance Date: July 10, 2006
Revision Date: February 15, 2007
Expiration Date: July 10, 2016

John S. Lyons, Director Division for Air Quality **Permit Number:** <u>S-06-042 R1</u> **Page:** <u>1</u> **of** 16

### **SECTION A - PERMIT AUTHORIZATION**

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the construction and operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:040, State-origin permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining other permits, licenses, or approvals that may be required by the Cabinet or other federal, state, or local agencies.

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>2</u> **of** 16

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

**01 (B01) BOILER #1 Description:** Natural gas fired

Capacity: 30.6 mmBtu/hr Commenced: November 2004

Fired on #2 fuel oil as secondary fuel and #6 fuel oil as tertiary fuel

#### **APPLICABLE REGULATIONS:**

401 KAR 59:015, New indirect heat exchangers with a capacity of greater than one million BTU per hour that were commenced after April 9, 1972 (for indirect heat exchangers with a capacity of 250 million BTU per hour heat input or less).

### 1. **Operating Limitations:** None.

### 2. Emission Limitations:

- a. Particulate Matter Mass Emission Limit: Pursuant to 401 KAR 59:015 Section 4, emissions of particulate matter shall not exceed 0.43 pounds per million BTU actual heat input.
- b. Opacity Limit: Pursuant to 401 KAR 59:015 Section 4, no emissions may exhibit greater than twenty (20) percent opacity, except:
  - i. A maximum of 40% shall be permissible for not more than six (6) consecutive minutes in any sixty (60) consecutive minutes during cleaning the fire box or blowing soot.
  - ii. During building a new fire for the period required to bring the boiler up to operating conditions provided the method used is that recommended by the manufacturer and the time does not exceed the manufacturer's recommendations.
- c. Standard for Sulfur Dioxide, Pursuant to 401 KAR 59:015 Section 5, emissions of sulfur dioxide shall not exceed 1.895 pounds per million BTU actual heat input.

#### **Compliance Demonstration Method:**

- a. Particulate Matter Mass Emission Limit: Compliance with the particulate limit is demonstrated while burning natural gas, No. 2 or No. 6 fuel oil based on AP-42 emission factors.
- b. Opacity Limit:
  - i. Compliance with the opacity limit is demonstrated while burning natural gas.
  - ii. For demonstration of compliance with the opacity limit while burning No. 2 and No. 6 fuel oil, refer to **Specific Monitoring Requirements** c. for visual observation monitoring.
- c. Standard for Sulfur Dioxide: Compliance with the sulfur dioxide limit is demonstrated while burning natural gas. For compliance with the sulfur dioxide limits while burning No. 2 or No. 6 fuel oil, actual emissions shall be calculated as follows:
  - i. For No. 6 fuel oil, the actual emissions = 157(S) lbs/1000 gallons  $\div$  150 mmBtu/1000 gallons.
  - ii. For No. 2 fuel oil, the actual emissions = 142(S) lbs/1000 gallons  $\div$  140 mmBtu/1000 gallons.

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>3</u> **of** 16

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

iii. Refer to **Specific Monitoring Requirements** b. for fuel sulfur content (S).

### **Testing Requirements:** None.

### 4. Specific Monitoring Requirements:

- a. The permittee shall monitor and maintain records the following parameters:
  - i. The monthly usage of natural gas (cubic feet).
  - ii. The monthly usage of fuel oil #2 (in gallons).
  - iii. The monthly usage of fuel oil #6 (in gallons).
  - iv. The monthly hours of operation of each boiler
- b. The sulfur content of the No. 2 or No. 6 fuel oil. If the No. 2 or No. 6 fuel oil supplier certification is used to demonstrate compliance with the sulfur content limits, the records shall contain the following information:
  - i. The name of the fuel supplier.
  - ii. A statement from the supplier certifying the sulfur content of the fuel.
- c. The permittee shall perform weekly visual emission observations while burning No. 2 and No. 6 fuel oil. If emissions are observed, an EPA Method 9 test shall be performed.

### 5. **Specific Recordkeeping Requirements:**

The permittee shall maintain records of the following for a period of five years:

- a. All of the parameters monitored in **4. Specific Monitoring Requirements**, part a. and b.
- b. A log (with dates and times recorded) of all visual observations, including whether any visible emissions were observed and whether the emissions were normal for the stack.
- c. If required, the opacity readings obtained by Method 9 and their corresponding time and date, and the name of the person performing the reading.

### **Specific Reporting Requirements:**

Refer to **Section C.** 

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>4</u> **of** 16

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

### 20 (P01, P02, P03) CELL 71 URETHANE BELT MANUFACTURING

### **Description:**

<b>Emission Point</b>	Name	Maximum Operating	Date
		Rate	Installed
P01	Urethane Batching	2.22 tons/hr	1969-89
P02	Belt Coating and Belt Washing	N/A	1992
P03	Mold Preparation	0.0017 tons/hr	1994

Existing Equipment: One (1) Prewarmer, installed 1969

One (1) Curative Melter, installed 1974 Two (2) Additive Tanks, installed 1969 Two (2) Prepolymer Tanks, installed 1969

One (1) Casting Unit, installed 1969

New Equipment: One (1) Dip Tank, installed 1992

One (1) Mold Preparation Unit, installed 1994

Control Equipment: VOC emissions are controlled via condenser - 99.9% control.

#### 24 (P07, P08) CELL 80 URETHANE BELT MANUFACTURING

#### **Description:**

Emission Point	Name	Maximum Operating	Date
		Rate	Installed
P07	Urethane Batching	0.23 tons/hr	1969-99
P08	Mold Preparation	0.00087 tons/yr	1986

One (1) Prewarmer, installed 1986

One (1) Curative Melter, installed 1986

One (1) Prepolymer Tank, installed 1986

One (1) Purge Tank, installed 1986

One (1) Casting Unit, installed 1986

One (1) Mold Preparation Unit, installed 1986

Control Equipment: VOC emissions are controlled via condenser - 99.9% control.

Permit Number: S-06-042 R1 Page: 5 of 16

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

#### 25 (P09, P10) CELL 82 URETHANE BELT MANUFACTURING

### **Description:**

Emission Point	Name	Maximum Operating Rate	Date Installed
P09	Urethane Batching	0.057 tons/hr	1969
P10	Mold Preparation	0.0017 tons/yr	1969

One (1) XT2 Mix Unit, installed 1969

One (1) Mold Preparation Unit, installed 1969

Control Equipment: condenser controls VOC emissions with an efficiency of 99%

### (P13, P14) CELL PHASE 4 URETHANE EXPERIMENTAL

### **Description:**

Emission Point	Name	Maximum Operating	Date
		Rate	Installed
P13	Urethane Batching	0.057 tons/hr	1994
P14	Mold Preparation	0.00057 tons/yr	1995

One (1) Mix Unit, installed 1994

One (1) Mold Preparation Unit, installed 1995

#### **APPLICABLE REGULATIONS:**

- a. For Existing Equipment: 401 KAR 61:020, Existing Process Operations commenced before July 2, 1975.
- b. For New Equipment: 401 KAR 59:010, New Process Operations commenced on or after July 2, 1975.

### 1. Operating Limitations:

None.

#### 2. Emission Limitations:

For Existing Equipment:

a. 401 KAR 61:020, Section 3(2), the emission rate of particulate matter shall not exceed the following:

For process rates of 1,000 lbs/hr or less: E = 2.58 lbs/hr

For process rates greater than 1,000 up to 60,000 lbs/hr:  $E = 4.10P^{0.67}$ 

Where E = rate of emissions in lbs/hr, and

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>6</u> **of** 16

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

P = process weight in tons/hr

b. Pursuant to 401 KAR 61:020, Section 3(1), no person shall cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility which is equal to or greater than forty (40) percent opacity.

### For New Equipment:

a. 401 KAR 59:010, Section 3(2), the emission rate of particulate matter shall not exceed the following:

For process rates of 1,000 lbs/hr or less: E = 2.34 lbs/hr For process rates greater than 1,000 up to 60,000 lbs/hr:  $E = 3.59P^{0.62}$ 

Where E = rate of emissions in lbs/hr, and P = process weight in tons/hr

b. 401 KAR 59:010, Section 3(1), no person shall cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility which is equal to or greater than twenty (20) percent opacity.

### **Compliance Demonstration Method:**

For Existing Equipment:

- a. The total uncontrolled potential emission rate of particulate matter from each affected facility is less than the allowable.
- b. Compliance with the opacity limit: historically there has been little to no opacity from existing equipment and there are no uncontrolled particulate emissions emitted from the new equipment, unless there is a malfunction. Refer **Section C.3** for reporting of malfunctions.

#### For New Equipment:

No uncontrolled potential particulate emissions are emitted from the new equipment.

### 3. Testing Requirements:

Pursuant to 401 KAR 61:005, Section 2(2) performance testing shall be conducted according to 401 KAR 50:045 if required by the Division.

### 4. **Specific Monitoring Requirements:**

The permittee shall monitor and maintain records of the following parameters:

- a. The monthly usage of the prepolymer.
- b. The monthly usage of the curative.
- c. Sufficient records of the usage of other materials as need to accurately calculate the yearly emissions.

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>7</u> **of** 16

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

# 5. **Specific Recordkeeping Requirements:**

Refer to **Section C**.

# **Specific Reporting Requirements:**

Refer to **Section C**.

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>8</u> **of** 16

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

#### 21 (P04) CELL 71 BELT CUTTING

### **Description:**

Emission Point	Name	Maximum Operating Rate	Date Installed
P04	V-Belt Cutters	0.032 tons/hr	1969

Two (2) Upright V-Belt Cutters, installed 1969

Two (2) Ragsdale V-Belt Cutters, installed 1969

Control Equipment: Particulate emissions are controlled by two AGET FH-58-1 cyclone and shaker baghouse systems.

### 26 (P12) CELL 82 GRINDING

### **Description:**

Emission Point	Name	Maximum Operating	Date
		Rate	Installed
P12	Grinding	0.018 tons/hr	1988

One (1) Flat Belt Grinder, installed 1988

Control Equipment: Particulate emissions are controlled by one AGET FH-58-1 cyclone and shaker baghouse.

### **APPLICABLE REGULATIONS:**

- a. For Existing Equipment: 401 KAR 61:020, Existing Process Operations commenced before July 2, 1975.
- b. For New Equipment: 401 KAR 59:010, New Process Operations commenced on or after July 2, 1975.

### 1. **Operating Limitations:**

None

### 2. <u>Emission Limitations</u>:

For Existing Equipment:

a. 401 KAR 61:020, Section 3(2), the emission rate of particulate matter shall not exceed the following:

For process rates of 1,000 lbs/hr or less: E=2.58 lbs/hr For process rates greater than 1,000 up to 60,000 lbs/hr:  $E=4.10P^{0.67}$ 

Where E = rate of emissions in lbs/hr, and P = process weight in tons/hr

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>9</u> **of** 16

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

b. Pursuant to 401 KAR 61:020, Section 3(1), no person shall cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility which is equal to or greater than forty (40) percent opacity.

### For New Equipment:

a. 401 KAR 59:010, Section 3(2), the emission rate of particulate matter shall not exceed the following:

For process rates of 1,000 lbs/hr or less: E = 2.34 lbs/hr For process rates greater than 1,000 up to 60,000 lbs/hr:  $E = 3.59P^{0.62}$ 

Where E = rate of emissions in lbs/hr, and P = process weight in tons/hr

b. 401 KAR 59:010, Section 3(1), no person shall cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility which is equal to or greater than twenty (20) percent opacity.

### **Compliance Demonstration Method:**

- a. A cyclone and baghouse shall control emissions of particulate matter and shall be operated properly in accordance with manufacturer's specifications and/or standard operating procedures as approved by the Division. The permittee shall record the occurrence, duration, cause, and any corrective action taken for each incident when belt cutters were in operation but the particulate emissions were not properly controlled by a cyclone and baghouse system.
- b. For compliance with the opacity limit, refer to **Specific Monitoring Requirements** b. below.

### 3. <u>Testing Requirements</u>:

Pursuant to 401 KAR 61:005, Section 2(2) performance testing shall be conducted according to 401 KAR 50:045 if required by the Division.

### 4. Specific Monitoring Requirements:

- a. The permittee shall monitor and maintain records the following parameters:
  - i. The amount of material processed on a monthly basis.
  - ii. The baghouse operational status and malfunction emission calculations.
- b. The permittee shall record each incident when the electronic particulate monitor on the baghouse deactivates the grinder to include the date, time, cause and any type of corrective action taken.

### 5. Specific Recordkeeping Requirements:

The permittee shall maintain records of the following for a period of five years:

a. All of the parameters monitored in **4. Specific Monitoring Requirements**, part a.

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>10</u> **of** 16

# SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

b. A log listing each incident when the electronic particulate monitor on the baghouse deactivates the grinder, including the date, time, cause and any type of corrective action taken.

## **Specific Reporting Requirements:**

Refer to **Section C**.

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>11</u> **of** 16

### **SECTION C - GENERAL CONDITIONS**

### 1. Administrative Requirements

a. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:040, Section 3(1)(b) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.

- b. This permit shall remain in effect for a fixed term of ten (10) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division. [401 KAR 52:040, Section 15]
- c. Any condition or portion of this permit, which becomes suspended or is, ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a-11 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- d. Pursuant to materials incorporated by reference by 401 KAR 52:040, this permit may be revised, revoked, reopened, reissued, or terminated for cause. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance shall not stay any permit condition [Section 1a-4, 5, of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- e. This permit does not convey property rights or exclusive privileges [Section 1a-8 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- f. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:040 Section 11(3)].
- g. All previously issued permits to this source at this location are hereby null and void.

### 2. Recordkeeping Requirements

a. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of at least five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [401 KAR 52:040 Section 3(1)(f) and Section 1b-IV-2 of the Cabinet Provisions and Procedures for Issuing State-Origin Permits

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>12</u> **of** 16

### **SECTION C - GENERAL CONDITIONS (CONTINUED)**

incorporated by reference in 401 KAR 52:040 Section 23].

b. The permittee shall perform compliance certification and recordkeeping sufficient to assure compliance with the terms and conditions of the permit. Documents, including reports, shall be certified by a responsible official pursuant to 401 KAR 52:040, Section 21.

### 3. Reporting Requirements

- a. (1) In accordance with the provisions of 401 KAR 50:055, Section 1, the permittee shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
  - i. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
  - ii. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall be submitted in writing upon request.
  - (2) The permittee shall promptly report deviations from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Reporting Requirement condition a.(1) above), the probable cause of the deviation, and corrective or preventive measures taken; to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report [Section 1b-V-3 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- b. The permittee shall furnish information requested by the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or to determine compliance with the permit [Section 1a-6 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- c. Summary reports of monitoring required by this permit shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>13</u> **of** 16

### **SECTION C - GENERAL CONDITIONS (CONTINUED)**

The summary reports are due January 30th and July 30th of each year. All deviations from permit requirements shall be clearly identified in the reports. All reports shall be certified by a responsible official pursuant to 401 KAR 52:040, Section 21.

### 4. Inspections

In accordance with the requirements of 401 KAR 52:040, Section 3(1)(f) the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times. Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency:

- a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation.
- b. To access and copy any records required by the permit.
- c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit.
- d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.

# 5. Emergencies/Enforcement Provisions

- a. The permittee shall not use as defense in an enforcement action, the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a-3 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- b. An emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
  - (1) An emergency occurred and the permittee can identify the cause of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
  - (4) The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency and included a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
- c. Emergency provisions listed in General Condition 5.b are in addition to any emergency or upset provision contained in an applicable requirement [401 KAR 52:040, Section 22(1)].
- d. In an enforcement proceeding, the permittee seeking to establish the occurrence of an

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>14</u> **of** 16

### **SECTION C - GENERAL CONDITIONS (CONTINUED)**

emergency shall have the burden of proof. [401 KAR 52:040, Section 22(2)].

## 6. Compliance

- a. Periodic testing or instrumental or non-instrumental monitoring, which may consist of record keeping, shall be performed to the extent necessary to yield reliable data for purposes of demonstration of continuing compliance with the conditions of this permit. For the purpose of demonstration of continuing compliance, the following guidelines shall be followed:
  - (1) Pursuant to 401 KAR 50:055, General compliance requirements, Section 2(5), all air pollution control equipment and all pollution control measures proposed by the application in response to which this permit is issued shall be in place, properly maintained, and in operation at any time an affected facility for which the equipment and measures are designed is operated, except as provided by 401 KAR 50:055, Section 1.
  - (2) All the air pollution control systems shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers. A log shall be kept of all routine and nonroutine maintenance performed on each control device. Daily observations are required during daylight hours of all operations, control equipment and any visible emissions to determine whether conditions appear to be either normal or abnormal. If the operations, controls and/or emissions appear to be abnormal, the permittee must then comply with the requirements of Section C General Conditions, 3.a.(2), of this permit.
  - (3) A log of the monthly raw material consumption and monthly production rates shall be kept available at the facility. Compliance with the emission limits may be demonstrated by computer program, spread sheets, calculations or performance tests as may be specified by the Division [401 KAR 50:055, Section 2].
- b. Pursuant to 401 KAR 52:040, Section 19, the permittee shall certify compliance with the terms and conditions contained in this permit by January 30th of each year, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an approved alternative) to the Regional Office listed on the front of this permit in accordance with the following requirements:
  - (1) Identification of the term or condition;
  - (2) Compliance status of each term or condition of the permit;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The method used for determining the compliance status for the source, currently and over the reporting period, and
  - (5) For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>15</u> **of** 16

# **SECTION C - GENERAL CONDITIONS (CONTINUED)**

(6) The certification shall be postmarked by January 30th of each year. Annual compliance certifications shall be mailed to the following addresses:

Division for Air Quality Division for Air Quality

Frankfort Regional Office Central Files

643 Teton Trail, Suite B 803 Schenkel Lane

Frankfort, KY 40601 – 1758 Frankfort, KY 40601-1403

c. Permit Shield - A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with all:

- (1) Applicable requirements that are included and specifically identified in this permit; or
- (2) Non-applicable requirements expressly identified in this permit [401 KAR 52:040, Section 11].

### **G.** Construction Requirements:

None

**Permit Number:** <u>S-06-042 R1</u> **Page:** <u>16</u> **of** 16

# **SECTION D - INSIGNIFICANT ACTIVITIES**

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:040, Section 6. While these activities are designated as insignificant the permittee shall comply with the applicable regulation and any level of periodic monitoring specified below.

	<u>Description</u>	Generally Applicable Regulation
1.	Welding Units (Mobile)	401 KAR 59:010, 401 KAR 63:020
2.	Parts Washer (small)	None
3.	Maintenance Vulcanizer	None
4.	Sump	None
5.	Welding Booths	401 KAR 59:010, 401 KAR 61:021
6.	Waste Accumulation Container	401 KAR 63:020
7.	Cliché Copier – Dark Room	401 KAR 63:020
8.	Cooling Towers (small)	None
9.	Builders	401 KAR 63:020
10.	Printers (Hot Stamp)	401 KAR 63:020
11.	Cast Cleaning Bay	None
12.	High Pressure Water Cleaner	None
13.	Caster	None
14.	End Sealing Unit	401 KAR 63:020
15.	Finishing & Inspection Stations	401 KAR 63:020
16.	Saw Slitters	401 KAR 59:010
17.	Hot Rooms	401 KAR 63:020
18.	Steam Curing Oven	401 KAR 63:020
19.	Electric Curing Oven	401 KAR 63:020
20.	Adhesive Liner Application	401 KAR 63:020
21.	Lab Reactor (30 gal)	401 KAR 63:020
22.	QC Lab / Titration	401 KAR 63:020
23.	Spray Painting (Belts)	401 KAR 59:010, 401 KAR 63:020
24.	Spray Painting (Maintenance)	401 KAR 59:010, 401 KAR 63:020
25.	27 (P13, P14) Phase IV Urethane Experime	ntal 401 KAR 59:010, 401 KAR 63:020
	Cell: One (1) Urethane Batching Mix Unit,	
	Installed 1994	
	One (1) Mold Preparation, installed 19	995